

**BASE FABRIC FOR AIR BAG**

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**Abstract of JP7252740**

**PURPOSE:** To obtain a base fabric for non-coat air bag, excellent in light weightness, mechanical properties, flexibility and accommodability, having a low gas permeability and capable of reducing impact energy on the occasion of shock.

**CONSTITUTION:** Thus base fabric for non-coat air bag, having  $\leq 1.2 \text{ cm}^3/\text{sec/cm}$  air-permeability under pressure drop of 1.27cm is produced by weaving a plain weave fabric from weft yarns and warp yarns respectively composed of non-sized polyester modified cross-section multi-filaments having 180 to 450D total fineness, 0.1 to 7.0d single yarn fineness, 1.5 to 6.0 flatness of cross-section of single yarn,  $\geq 7.5 \text{ g/d}$  strength and 12.0% elongation, then scouring the woven fabric and applying a heat setting and a calender treatment thereto as necessary.